

Product Information

SES RFID Solutions

ISO Card

Glossy ISO dimension plastic card containing a RFID module and antenna



MECHANICAL DIMENSIONS

- Dimension (LxW)** ▶ 86 mm x 54 mm
- Thickness** ▶ 0.8 mm ± 0.04 mm (single frequency)

CHIP TYPE

- ▶ EM series, Atmel series, NXP series, Infineon series, Alien Technology series

ELECTRICAL

- LF operating frequency** ▶ 125 kHz* ± 6 kHz
- HF operating frequency** ▶ 13.56 MHz Reader Standard (ISO/IEC 15693, ISO/IEC 14443)
- UHF operating frequency** ▶ 860 – 960 MHz Reader Standard (EPC Class 1 Gen 2 /ISO 18000-6C)

TEMPERATURE

- Storage** ▶ -25°C to +65°C
- Operating** ▶ -25°C to +65°C

MATERIAL

- ▶ Copper wire antenna and module in laminated PVC or PETG
- ▶ Enclosure rating: IP67

OPTIONS

- ▶ Magnetic Strip (300 Oe, 2750 Oe, 4000 Oe)
- ▶ Code printing, Overlay, Card printing, laser engraving
- ▶ Matt surface, glossy surface

TYPE NUMBER

- ▶ ISC-XX (ISO Card, XX denotes IC)

SES RFID SOLUTIONS

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*frequency adjustment 100kHz – 150kHz
Specification is subject to change without notice. Version 2009